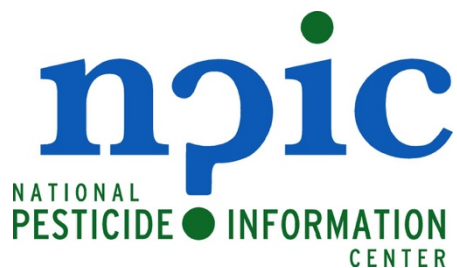


NPIC Special Report

Prepared For: Ana Rivera-Lupiañez

Inquiries relating to applications by Orkin, Control Solution, or Rollins

Date range: 1/1/2015 - 2/14/2020



NPIC is a cooperative agreement between Oregon State University and the U.S. Environmental Protection Agency (cooperative agreement X8-83947901)

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Explanatory Information --

This report is prepared for use only by the person/party representing the individual, state or federal agency requesting the report.

The text in each narrative section is taken directly from the NPIC Pesticide Incident Database (PID) in "raw" form. Thus, the reader may find occasional misspellings, typos, poor sentence structure, and/or grammatical errors.

For some inquiries to NPIC, there may be no specific active ingredient named, for others there may be more than one active ingredient. Also, the person making the inquiry may not know the name or correct name of the pesticide product(s) involved - NPIC generally records the product name provided.

Disclaimer --

Material presented in this report is based on information as provided to NPIC by individuals who have contacted NPIC for information or to report a pesticide incident. None of this information has been verified or substantiated by independent investigation by NPIC staff, laboratory analysis, or by any other means. NPIC characterizes the information provided by assigning a certainty index and a severity index. The certainty index reflects the relationship between reported signs/symptoms and the expected signs/symptoms in the available literature about the active ingredient(s). The exposure scenario(s), route(s), and timing are also considered. The severity index characterizes the severity of reported signs/symptoms. NPIC makes no claims or guarantees as to the accuracy of the indexes or narratives, other than that NPIC has done its best to accurately document the information provided by the inquirer(s).

Confidentiality Agreement --

The person/party for whom this report was requested/prepared, as identified in this report, agrees to hold confidential the following information:

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The use of this report in part or entirety by the person/party for whom the report was requested/prepared signifies acceptance by that person/party of the aforementioned confidentiality conditions.

Date: 2019-08-14 11:43:00.0

Specialist: CF

Inq. Type: Incident - AI Unknown

Origin: Phone

Inquirer:

City, State: MORGANTOWN, WV

Gender: Female

Region: 3

Country: United States

Type of Person: General Public

Ref. From: Poison Control

Language: English

Questions: Health

Actions: Discussed IPM Concepts
Discussed Ways to Minimize Exp.
Provided State Lead Contact
Discussed Following the Label
Verbal Info

Inquirer exposure: Entity Type: Female
Severity: Minor
Age: 63.0 years

Products: Product 1:
Reg. Num.: 279-3206
Name: TALSTAR TC FLOWABLE TERMITICIDE/INSECTICIDE
AI: BIFENTHRIN
Product 2:
Name: Termidor
AI: FIPRONIL
Product 3:
Name: unknown
Exposure Type: Exposure: Unknown
Location: Home - Inside

Other entity exposure info: Entity Type: Building - Home/Office

Product 1:
Prod. Name: unknown
Exposure Type: Misapplication: PCO
Location: Home - Inside

Other entity exposure info: Entity Type: Female
Severity: Minor
Age: 28.0 years
Gender: Female

Product 1:

Prod. Name: unknown

Exposure Type: Exposure: Unknown

Location: Home - Inside

Narrative:

Caller seeking information on whether she should be having a pesticide application in her home for carpenter ants as she is worried that the way this is being may pose a risk to health. Caller reported having hired Orkin as her pest control company, due to a carpenter ant infestation in her home. Caller reported the use of "Termidor" (active ingredient fipronil, per NPIRS) in her attic (applied as an aerosol) and to the outside of her home (applied as a spray and through holes). Caller reported that the first application was about 2.5 months ago (May 2019) and that the reoccurring applications included in her contract were scheduled at two month intervals. However, one was "sooner" because she contacted the pest control company upon encountering live ants that did not seem "sleepy" that continued to infest her home. Caller reported that when applications were made in her attic (a crawlspace above her garage), the pest control operator said, upon spraying in the enclosed space, "I'm not supposed to be doing this", and then again when addressing specifically spraying for ants that "this product is not meant for ants and this product is not meant for enclosed spaces." Caller reported that the operators tore out her insulation and sprayed into her vapor barrier. Caller reported that the application on the outside perimeter of her home was done with a "wide spray" in some areas, and in others "stream spraying". Caller reported standing outside and watching the operator closely when he was doing the application. Caller reported that the operators leave her to "clean up for herself" and to sweep the dead ants. Caller, a 63 year old woman, reported feeling cramping in her stomach each time an application was done. Also reported that her "stomach feel crampy" when she works in the garage. Caller reported tha her daughter, 28 lives with her. Caller reported that she has health issues that were present before the application that have been aggravated with the pesticide treatments of their home. Caller did not report what symptoms her daughter was experiencing. Caller reported contacting extension service to get an expert to identify her ants. Caller reported that the answers weren't conclusive and that she is not sure whether the ants are carpenter ants. Caller reported contacting poison control, but they didn't provide her with any information besides keeping doors open when she's working in the garage (directly below crawl space treated). Caller reported the Pest Control Company later told her the Termidor product was EPA registration number 279-3206 (active ingredient bifenthrin).

Discussed following the label directions, including the legal obligation to do so by anyone, including a pest control company. Discussed ways of minimizing exposure, including opening windows and having fans running, and avoiding spending time in the garage. Provided contact information for State Lead Pesticide Agency for misapplication questions and information regarding Orkin in the area. Discussed integrated pest management concepts, including removing attractive features for the pest, and getting it conclusively identified. Discussed potential health effects of exposure to bifenthrin (NPIC technical fact sheet).

Date: 2019-06-18 08:09:00.0

Specialist: AL

Inq. Type: Information

Origin: Phone

Inquirer:

City, State: BRYSON CITY, NC

Gender: Female

Region: 4

Country: United States

Type of Person: General Public

Ref. From: Internet

Language: English

Questions: Tenant/Landlord Rights

Actions: Discussed Following the Label
Provided Other Org. Contact
Provided State Lead Contact
Verbal Info

Special Circumstances: Reports Chemical Sensitivity

Products: No product/exposure info for the Inquirer

Narrative: Caller seeking information on who she can contact to hold her apartment complex and a Pest Control Company accountable for the death of her cat. Caller reported that they were very clear with the complex that they didn't want anyone going into their apartment when they were away, and didn't want any pest control applications without their permission. Caller reported that in September of 2016 the apartment complex allowed Orkin into their apartment, and they sprayed. Caller reported that she is chemically sensitive and didn't want their cats to be exposed to anything. Caller reported that their cat ended up getting very sick, it developed into pancreatitis, and he passed away 6 months ago. Caller reported that she doesn't think the Pest Control Company followed the product instructions. Caller reported she has already filed a report with the Attorney General's office.

Discussed NPIC services. Discussed the label and the law, including it being the responsibility of the Pest Control Company to follow all label directions. Provided contact information for the State Lead Pesticide Agency as a resource for reporting concerns regarding a Pest Control Company. Provided contact information for 211 Info as a resource for locating local tenant rights resources.

Date: 2019-06-11 17:51:00.0
Specialist: AS
Inq. Type: Information
Origin: Email/Web
Inquirer:
City, State: RAYNE, LA
Gender: Female
Region: 6
Country: United States
Type of Person: General Public
Ref. From: Internet
Language: English
Questions: Health
Cleanup
Actions: No contact information provided
Unable to Contact Inquirer
Products: Product 1:
Name: Nyguard IGR
AI: PYRETHRINS
AI: PIPERONYL BUTOXIDE
AI: PYRIPROXYFEN
Product 2:
Name: Tekko
AI: NOVALURON
Product 3:
Name: Talstar
AI: BIFENTHRIN

Narrative: Email Received:
We recently had Orkin come and do pest control for a flea infestation that appears to have come from under our home (we live in an older above ground house) and through our wood flooring. The two rooms in the front of our home were where the majority of the fleas came. We treated our pets and tried organic methods but to no avail. So we called in Orkin. I am currently pregnant and I have an 18 month old daughter. I am EXTREMELY anxious being in our home after the pesticides have been used, even though I know they were the most effective method of getting rid of the fleas.

I'm concerned about my daughters exposure to our yard, (which was also treated) and of course our carpets and floors, because she is constantly running around and even though I do my best to watch her, she puts her hands on things and in her mouth all day.

My question is two fold. How dangerous are these chemicals to my daughter even after they are dried? I mopped and cleaned all services,

including her toys, and I've also washed her sheets but I'm worried about whether or not her mattress is contaminated. I have read how pesticides can be correlated with childhood cancers, learning disabilities, and many more things.

My second question is, if this is harmful, how do we fix it now? Can we hire a cleaning crew to come in and steam clean everything and deep clean and treat all floors and surfaces? Or is this pointless in getting rid of the pesticide residue? I just want to start fresh with a clean and healthy household. If moving is our best option after we've contaminated our home, then I'm okay with that too.

Here is a list of the chemicals they used. Our home is 1,500 sq ft.

Nyguard IGR

4ml per 1 gallon

TEKKO Pro IGR concentrate

1 oz per gallon

Talstar Professional liquid

.5 oz per gallon (interior)

5 gallons (exterior)

Please help me with any suggestions to help us move forward.

I've saved many cleaning services and I am hoping if we hire professionals to come in and clean every inch of this house, we can get rid of all residue so my children can play on my floor and even eat from it if they want without me constantly worrying.

[Nyguard IGR (active ingredients pyrethrins, piperonyl butoxide, pyriproxyfen, per NPRO), Tekko (active ingredient novaluron, per NPRO), Talstar (active ingredient bifenthrin, per NPRO)]

Email Response:

No response necessary, inquirer already called into NPIC hotline, log 4365. Related logs 4343, 4370.

Date: 2018-07-24 11:24:00.0

Specialist: WH

Inq. Type: Incident

Origin: Phone

Inquirer:

City, State: BAY CITY, TX

Gender: Female

Region: 6

Country: United States

Type of Person: General Public

Ref. From: Product Label

Language: English

Questions: Complaints
Health
Report an incident

Actions: Provided Manuf. / Distributor Contact
Provided State Lead Contact
Verbal Info

Inquirer exposure: No exposure for Inquirer

Products: Product 1:
Reg. Num.: 87093-8-53883
Name: FLEE PLUS FIP-SMETH
AI: METHOPRENE
AI: FIPRONIL

Other entity exposure info: Entity Type: Single Animal
Symptoms: Consistent Symptoms
Certainty: Consistent
Severity: Moderate
Species: Feline
Age: 2.0 years
Weight: 9.090909 kg
Gender: Female

Product 1:
Reg. Num.: 87093-8-53883
Prod. Name: FLEE PLUS FIP-SMETH
AI: METHOPRENE
AI: FIPRONIL
Exposure Type: Exposure: Dermal
Location: Home - Inside

Narrative: Caller seeking health, complaint, and incident reporting information related to exposure to EPA registration number 87093-8-53883 (active ingredients methoprene, fipronil). Caller reported that she used the

ingredients methoprene, fipronil). Caller reported that she used the product on her cat (2.5 year old, 20 pound female) three days ago (07/21/2018). Caller reported that she sprayed the product onto a sponge and then used the sponge to apply the product onto the cat. Caller reported that shortly after the application, the cat began to howl endlessly, run around the house constantly, bite the caller if she attempted to pick the cat up. Caller also reported that she noticed some tremors on the cat's skin. Caller reported that she took the cat to the emergency veterinary clinic. Caller reported that she took the cat to the clinic in the evening, and reported that they kept the cat over night for monitoring. Caller reported that they gave the cat steroids and muscle relaxers. Caller reported that the cat is back to normal now, but reported that she was wanting to report the incident and make a complaint about the product. Caller reported that she was wanting to have the product banned due to the health risks. Caller reported that she was also wanting more information about the potential health effects related to the active ingredient. Caller reported that she also received the bill from the veterinary clinic, and reported that she was not happy that she was having to pay a lot of money due to the incident.

Discussed risk equation concepts, including toxicity and routes of exposure. Discussed that through testing done prior to allowing a product for use, rigorous testing must be done to outline the risks related to using the product in a specific manner. Discussed potential health effects of exposure to the active ingredients (NPIC Fipronil, Methoprene Fact Sheets).

Provided contact information for State Lead Pesticide Agency for complaint and reporting information. Provided contact information for manufacturer, Control Solutions for complaint information.

Date: 2017-05-22 09:30:00.0

Specialist: AL

Inq. Type: Incident

Origin: Phone

Inquirer:

City, State: REYNOLDSBURG, OH

Gender: Female

Region: 5

Country: United States

Type of Person: General Public

Ref. From: Poison Control

Language: English

Questions: Health

Actions: Provided Manuf. / Distributor Contact
Provided State Lead Contact
Verbal Info

Inquirer exposure: No exposure for Inquirer

Products: Product 1:
Name: Termidor 80 WG
AI: FIPRONIL

Other entity exposure info: Entity Type: Building - Home/Office

Product 1:
Prod. Name: Termidor 80 WG
AI: FIPRONIL
Exposure Type: Misapplication: PCO
Exposure Type: Spill: Indoor
Location: Home - Inside

Other entity exposure info: Entity Type: Family
Symptoms: Atypical
Certainty: Inconsistent
Severity: Minor
Gender: Unknown

Product 1:
Prod. Name: Termidor 80 WG
AI: FIPRONIL
Exposure Type: Exposure: Unknown
Location: Home - Inside

Other entity Entity Type: Single Animal

exposure info:

Symptoms: Asymptomatic
Severity: Asymptomatic
Species: Feline
Breed: Short hair tabby
Age: 7.0 years
Weight: 5.4545455 kg
Gender: Female Neuter

Product 1:

Prod. Name: Termidor 80 WG

AI: FIPRONIL

Exposure Type: Exposure: Possible

Location: Home - Inside

Narrative:

Caller (age 29) seeking information on whether her sons recent illness could be related to an accidental application of Termidor 80 WG (active ingredient fipronil) into their basement. Caller reported that two weeks ago they hired Orkin to do a termite treatment around their home, and they unknowingly drilled three holes through a concrete pad and into their finished basement (used to be a tornado shelter). Caller reported that nobody discovered the situation until four days after it was applied, and it was mostly dry by then. Caller reported that the liquid got on boxes full of camping gear and Christmas stuff, and onto the carpet. Caller reported there was no odor in the basement and they never noticed an odor in the house. Caller reported that they company paid to replace some items, cleaned all hard items, cleaned the carpets and repaired the drywall. Caller reported that they go into the basement to do laundry, but they don't go near the area where the spill was to do so. Caller reported that her son (11 months old) hasn't been in the basement since the accident, but they have a cat (7 year old, 12 lb, spayed female short hair tabby) who could have had access to the area, and wanders through the whole house. Caller reported there were no symptoms for the cat. Caller reported that her son got sick 6 days after the incident occurred, with diarrhea and vomiting that lasted 3 days, and her and her husband (age 35) had the same symptoms for a couple days once his symptoms stopped. Caller reported that yesterday her son threw up again (3 days since his last symptom). Caller reported they have cleaned the floors in the rest of the home in case the cat tracked any product through the home.

Discussed NPIC services. Discussed risk equation concepts, including toxicity and routes of exposure. Discussed chemical properties of fipronil, including vapor pressure (NPIC Fact Sheet). Discussed toxicity of the product via the signal word, and the toxicity of the active ingredient through various routes of exposure. Discussed potential health effects of exposure to fipronil. Provided contact information for the State Lead Pesticide Agency as a resource for reporting pesticide spills or misapplications, and possible cleanup resources in her area. Provided contact information for the manufacturer (BASF) as a resource for additional cleanup recommendations.

Date: 2015-11-03 07:01:00.0

Specialist: AH

Inq. Type: Incident

Origin: Voice Mail

Inquirer:

City, State: WESTFIELD, MA

Gender: Female

Region: 1

Country: United States

Type of Person: General Public

Ref. From: Poison Control

Language: English

Questions: Medical Treatment

Actions: Discussed Ways to Minimize Exp.
Verbal Info
No contact information provided

Inquirer exposure: Entity Type: Female
Symptoms: Atypical
Certainty: Inconsistent
Severity: Moderate
Age: 59.0 years

Products: Product 1:
AI: BIFENTHRIN
Exposure Type: Exposure: Unknown
Location: Home - Inside
Product 2:
AI: HYDROPRENE
Exposure Type: Exposure: Unknown
Location: Home - Inside

Other entity exposure info: Entity Type: Male
Symptoms: Atypical
Certainty: Inconsistent
Severity: Moderate
Age: 57.0 years
Gender: Male

Product 1:
AI: BIFENTHRIN
Exposure Type: Exposure: Unknown
Location: Home - Inside

Product 2:
AI: HYDROPRENE
Exposure Type: Exposure: Unknown
Location: Home - Inside

**Other entity
exposure info:**

Location: Home - Inside

Entity Type: Single Animal
Symptoms: Atypical
Certainty: Inconsistent
Severity: Minor

Product 2:

AI: HYDROPRENE

Exposure Type: Exposure: Possible

Location: Home - Outside

Narrative:

Voice mail message. Returned call at 08:23 on 11/03/2015. Caller seeking medical treatment information regarding the application of Hydroprene (1%) and Bifenthrin (7.9%) outside her mobile home as a perimeter application. Caller reported for the last year Orkin has been doing a perimeter spray (active ingredient bifenthrin) and has been applying granules (active ingredient hydroprene) outside her mobile home for control of cockroaches. Caller reported since August of this year (2015) she and her husband have experienced symptoms two days after the treatment but have not noticed an odor or touched treated areas. Caller reported she (age 59) and her husband (age 57) have eye, nose, and throat irritation, trembling, shaking, and runny eyes. Caller reported after a treatment 5 weeks ago her heart was racing, she was trembling, and she was taken to the emergency room. Caller reported they have since cancelled the treatments, but a couple days ago she cut the grass and that evening they both had a sore throat, sinus irritation, and dizziness. Caller reported she covered herself very well while cutting the grass and did not think the grass touched her. Caller reported she was told the Pest Control Company applied 6 oz of bifenthrin product per gallon of water and reported the granules are still visible on the lawn. Caller reported she is concerned her dog (male) was eating granules but she has not seen him do this. Caller reported after the last treatment her dog had crusty eyes.

Discussed ways to minimize exposure, including wearing personal protective equipment such as a mask, goggles, and long clothing when cutting treated grass. Discussed cutting grass when it is dry, rather than wet, to avoid additional exposure to residues. Discussed potential health effects of exposure to bifenthrin (NPIC Fact Sheet) and hydroprene (NPIC Fact Sheet). Discussed chemical properties of bifenthrin including half-life in the soil and vapor pressure (Pesticide Properties DataBase (PPDB)). Discussed NPIC services, including no medical training. Discussed speaking with a physician for treatment advice.